

Serial No. 10/824,203

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Examiner: Luke E. Karpinski

**In the Claims:**

1. (Previously Presented) A method according to claim 10 wherein the non-ionic gelling agent is selected from any of the following either alone or in combination:- laureth-2, laureth-4, C12/13 pareth-3, cetareth-4 or oleth-3 or one or more glycol esters.
2. (Previously Presented) A method according to claim 9 wherein the non-ionic gelling agent is selected from any of the following either alone or in combination:- laureth-2, laureth-4, C12/13 pareth-3, cetareth-4 or oleth-3 or one or more glycol esters.
3. (Previously Presented) A method as claimed in claim 9, wherein the non-ionic gelling agent consists of laureth-4.
4. (Previously Presented) A method according to claim 9, wherein the non-ionic gelling agent constitutes from about 0.01% to about 8.0% by weight of the total composition.
5. (Previously Presented) A method according to claim 9, wherein at least one amphoteric surfactant is also added to the mixture.
6. (Previously Presented) A method according to claim 9, wherein the total amount of surfactant constitutes from about 0.01% to about 30.0% by weight of the total composition.
7. (Previously Presented) A method according to claim 9, wherein the post-foaming agent comprises at least one saturated aliphatic hydrocarbon having from 4 to 6 carbons.
8. (Previously Presented) A method according to claim 9, wherein the post-foaming agent constitutes from about 0.01% to about 14% by weight of the total composition.

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9. (Currently Amended) A method for the manufacture of a post-foaming cleansing composition comprising the steps of:- adding of at least one non-ionic gelling agent to a mixture comprising at least one anionic surfactant and at least one amphoteric surfactant such that the ratio of anionic surfactant: non-ionic gelling agent is 4:1 or greater, the method further comprising combining the ensuing mixture with at least one post-foaming agent and filling the mixture into a package prior to the formation of a gel structure, wherein the gel structure is formed at least 4 minutes after the addition of the post foaming agent to the mixture, said gel structure being retained for at least 12 months following manufacture when the composition is stored at about 20°C to 25°C or below, wherein the gel structure is only formed at least 4 minutes after the addition of the post-foaming agent to the mixture, wherein the step of filling the mixture into a package prior to the formation of the gel structure includes filling the mixture into a final container from which the composition is later dispensed, and wherein the foregoing steps are performed absent any applied elevated pressure.

10. (Previously Presented) A method according to claim 9, wherein the gel rigidity of the composition remains substantially unchanged for at least 10 minutes after addition of the post-foaming agent to the remainder of the composition.

11. (Previously Presented) A method as claimed in claim 2, wherein the non-ionic gelling agent consists of laureth-4.

12. (Previously Presented) A method according to claim 2, wherein the non-ionic gelling agent constitutes from about 0.01% to about 8.0% by weight of the total composition.

13. (Previously Presented) A method according to claim 3, wherein the non-ionic gelling agent constitutes from about 0.01% to about 8.0% by weight of the total composition.

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14. (Currently Amended) A method according to claim 2, wherein said at least one amphoteric surfactant ~~is also added to the mixture~~ includes cocamidopropyl betaine.
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17. (Previously Presented) A method according to claim 2, wherein the total surfactant constitutes from about 0.01% to about 30.0% by weight of the total composition.
18. (Previously Presented) A method according to claim 3, wherein the total surfactant constitutes from about 0.01% to about 30.0% by weight of the total composition.
19. (Previously Presented) A method according to claim 4, wherein the total surfactant constitutes from about 0.01% to about 30.0% by weight of the total composition.
20. (Previously Presented) A method according to claim 5, wherein the total surfactant constitutes from about 0.01% to about 30.0% by weight of the total composition.
21. (Previously Presented) A method according to claim 2, wherein the post-foaming agent comprises at least one saturated aliphatic hydrocarbon having from 4 to 6 carbons.
22. (Previously Presented) A method according to claim 3, wherein the post-foaming agent comprises at least one saturated aliphatic hydrocarbon having from 4 to 6 carbons.
23. (Previously Presented) A method according to claim 4, wherein the post-foaming agent comprises at least one saturated aliphatic hydrocarbon having from 4 to 6 carbons.

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24. (Previously Presented) A method according to claim 5, wherein the post-foaming agent comprises at least one saturated aliphatic hydrocarbon having from 4 to 6 carbons.

25. (Previously Presented) A method according to claim 6, wherein the post-foaming agent comprises at least one saturated aliphatic hydrocarbon having from 4 to 6 carbons.

26. (Previously Presented) A method according to claim 2, wherein the post-foaming agent constitutes from about 0.01% to about 14% by weight of the total composition.

27. (Previously Presented) A method according to claim 3, wherein the post-foaming agent constitutes from about 0.01% to about 14% by weight of the total composition.

28. (Previously Presented) A method according to claim 4, wherein the post-foaming agent constitutes from about 0.01% to about 14% by weight of the total composition.

29. (Previously Presented) A method according to claim 5, wherein the post-foaming agent constitutes from about 0.01% to about 14% by weight of the total composition.

30. (Previously Presented) A method according to claim 6, wherein the post-foaming agent constitutes from about 0.01% to about 14% by weight of the total composition.

31. (Previously Presented) A method according to claim 7, wherein the post-foaming agent constitutes from about 0.01% to about 14% by weight of the total composition.

32. (Previously Presented) A method according to claim 9 wherein the anionic surfactant comprises sodium lauryl ether sulphate.

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33. (Previously Presented) A method according to claim 9 wherein the anionic surfactant includes alkali metal alkyl ether sulfates, sulfosuccinates, isethionates and acyl glutamates.
34. (Previously Presented) A method according to claim 1 2 wherein the post-foaming agent includes n-butane, iso-butane, n-pentane, iso-pentane, iso-hexane and mixtures thereof.
35. (Previously Presented) A method according to claim 9 wherein once the mixture has been filled into the packaging and allowed to stand the viscosity of the mixture increases and therefore its gel rigidity increases.
36. (Previously Presented) A method according to claim 9 wherein the foregoing steps are performed through plant pipe-work, the combining step with at least one post-foaming agent provides a delayed gelling, and due to the delayed gelling the elevated pressure is not required in order to pump the composition through the pipe-work.
37. (Previously Presented) A method according to claim 36 wherein the foregoing steps are performed absent any applied elevated pressure of at least 80 psi or more.
38. (Currently Amended) A method for enhancing the efficiency of the manufacture of a post-foaming cleansing composition in a plant having pipe-work, said method comprising the steps of: providing a liquid mixture of at least one non-ionic gelling agent and at least one anionic surfactant and at least one amphoteric surfactant such that the ratio of anionic surfactant to non-ionic gelling agent is greater than 4:1, combining the ensuing mixture with at least one post-foaming agent but with a delayed gelling, filling the mixture into a package prior to the formation of a gel structure, wherein the gel structure is only formed at least 4 minutes after the addition of the post foaming agent to the mixture, said gel structure being retained for at least 12 months following manufacture when the composition is stored at about 20°C to 25°C or below,

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wherein the step of filling the mixture into a package prior to the formation of the gel structure includes filling the mixture into a final container from which the composition is later dispensed, and wherein, due to the delayed gelling, elevated pressure is not required in order to pump the composition through the pipe-work.

39. (Previously Presented) A method according to claim 38 wherein the foregoing steps are performed absent any applied elevated pressure of at least 80 psi or more.

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